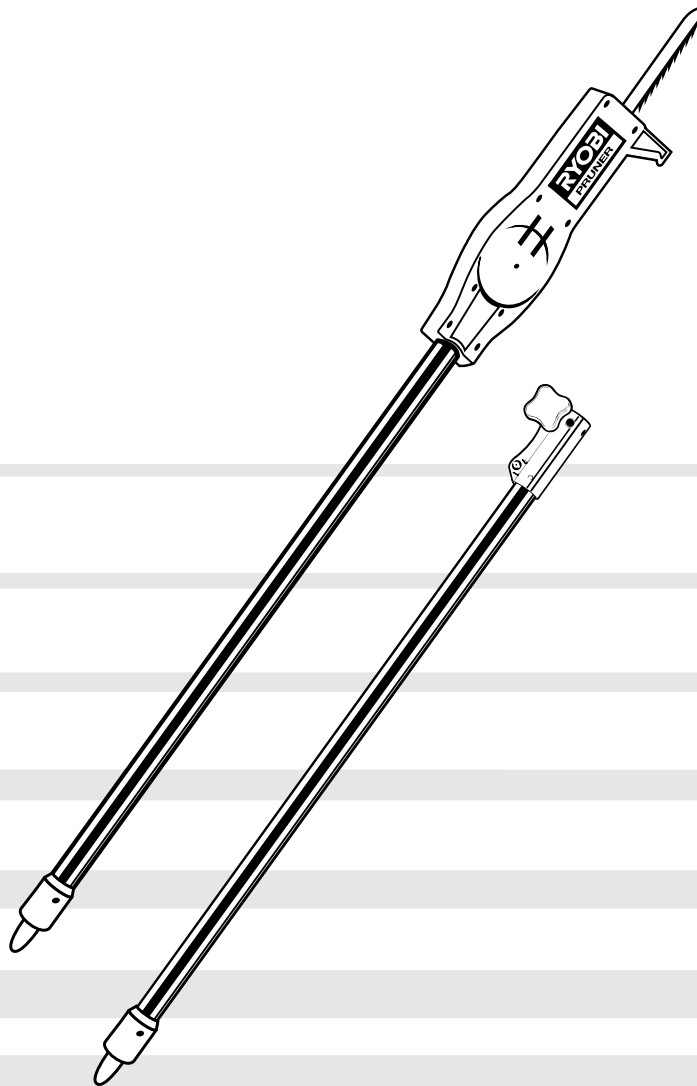


RYOBI®

TP720r

Tree Pruner Add-On

OPERATOR'S MANUAL



FOR QUESTIONS, CALL 1-800-345-8746 in U.S. or
1-800-265-6778 in CANADA
www.ryobi.com

IMPORTANT MANUAL

DO NOT THROW AWAY

INTRODUCTION

THANK YOU

Thank you for buying this quality product. This modern outdoor power tool will provide many hours of useful service. You will find it to be a great labor-saving device. This operator's manual provides you with easy-to-understand operating instructions. Read the whole manual and follow all the instructions to keep your new outdoor power tool in top operating condition. The parts list at the end of this manual contains all the information that you need to order parts.

PRODUCT REFERENCES, ILLUSTRATIONS AND SPECIFICATIONS

All information, illustrations and specifications in this manual are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice.

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All Rights Reserved.

Click-Link® is a registered trademark of Ryobi Outdoor Products.

SERVICE INFORMATION

Service on this unit both within and after the warranty period should be performed only by an authorized and approved service dealer.

Dial:

- **1-800-345-8746** or **www.ryobi.com** on the world wide web for authorized service dealers in the United States

Or

- **1-800-265-6778** in Canada to obtain the listing of the authorized service dealer nearest you.

to obtain the listing of the authorized service dealer nearest you.

DO NOT RETURN THE UNIT TO THE RETAILER.

NOTE: PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE.

Make sure this manual is carefully read and understood before starting or operating this equipment.

THIS PRODUCT IS COVERED BY ONE OR MORE
US PATENTS, OTHER PATENTS PENDING.

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CONTENTS OF CARTON

- TP720r Tree Pruner Add-On
- Boom Extension
- Hanger
- 9/64" Allen Wrench
- Operator's Manual with Parts List
- Shoulder Harness
- Product Registration Card

WARNING!

Read the Operator's Manual(s) and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders.

FOR QUESTIONS, CALL 1-800-345-8746 IN U.S. OR 1-800-265-6778 in CANADA



WARNING: The operation of any power tool can cause foreign objects to be thrown into your eyes. This can lead to severe eye damage. Before commencing power tool operation, always wear safety glasses or goggles that are marked as meeting ANSI Z87.1 standards, and a full face shield when needed.

RULES FOR SAFE OPERATION

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and their explanations, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

SYMBOL

MEANING



SAFETY ALERT SYMBOL: Indicates danger, warning, or caution. Attention is required in order to avoid serious personal injury. May be used in conjunction with other symbols or pictographs.

NOTE: Advises you of information or instructions vital to the operation or maintenance of the equipment.



DANGER: Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.



WARNING: Failure to obey a safety warning can result in injury to yourself and others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.



CAUTION: Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

• IMPORTANT SAFETY INSTRUCTIONS •

READ ALL INSTRUCTIONS

BEFORE OPERATING

- Read the instructions carefully. Be familiar with the controls and proper use of the unit. Carefully read this manual and the operator's manual of the unit that will power this add-on.
- Do not operate this unit when tired, ill, or under the influence of alcohol, drugs, or medication.
- Children and teens under the age of 15 must not use the unit, except for teens guided by an adult.
- Inspect the unit before use. Ensure the blade is installed correctly and secure.

SAFETY WARNINGS FOR GAS PRUNERS

WARNING: Gasoline is highly flammable, and its vapors can explode if ignited. Take the following precautions:

- Store fuel only in containers specifically designed and approved for the storage of such materials.
- Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank, or add fuel, when the engine is hot. Never operate the unit without the fuel cap securely in place. Loosen the fuel tank cap slowly to relieve any pressure in the tank.
- Mix and add fuel in a clean, well-ventilated area outdoors where there are no sparks or flames. Slowly remove the fuel cap only after stopping engine. Do not smoke while fueling or mixing fuel. Wipe up any spilled fuel from the unit immediately.
- Avoid creating a source of ignition for spilled fuel. Do not start the engine until fuel vapors dissipate.
- Move the unit at least 30 feet (9.1 m) from the fueling source and site before starting the engine. Do not smoke, keep sparks and open flames from the area while adding fuel or operating the unit.
- Never start or run the unit inside a closed room or building. Breathing exhaust fumes can kill. Operate this unit only in a well ventilated area outdoors.

SAFETY WARNINGS FOR ELECTRIC PRUNERS

- **WARNING:** To reduce the risk of electrical shock, use only extension cords approved for outdoor use, such as an extension cord of cord type SW-A, SOW-A, STW-A, STOW-A, SJW-A, SJOW-A, SJTW-W or SJTOW-A. Extension cords are available from your local retailer. Use only round-jacketed extension cords approved for outdoor use.
- **CORD SETS:** Make sure your cord set is in good condition. When using a cord set, be sure to use a cord that is heavy enough to carry the current that your unit will draw. An undersized cord set will cause a drop in line voltage resulting in loss of power and overheating. See the operator's manual for the unit that will power this add-on for the recommended cord size.
- Inspect all extension cords and the unit power connection periodically. Look closely for deterioration, cuts or cracks in the insulation. Also inspect the connections for damage. Replace the cords if any defects or damage appear.
- Avoid dangerous environments. Never operate your unit in damp or wet conditions. Moisture is a shock hazard.
- Do not use the unit in the rain.
- Do not handle the plug or unit with wet hands or standing on any wet surfaces.
- Do not leave the unit plugged in when not in use, changing attachments or add-ons, or while being serviced.
- Turn off all controls before unplugging.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.

RULES FOR SAFE OPERATION

WHILE OPERATING

- Wear safety glasses or goggles that are marked as meeting ANSI Z87.1 standards, and ear/hearing protection when operating this unit. Wear a face or dust mask if the operation is dusty. Long sleeve shirts are recommended.
- Wear heavy, long pants, boots and gloves. Do not wear loose clothing, jewelry, short pants, sandals or go barefoot. Secure hair above shoulder level.
- To reduce the risk of electrical shock, keep the pruner from power lines or electrical wires.
- Use the right tool. Use this unit only as described in this manual. Do not use for any job except that for which is intended.
- Do not overreach. Always keep proper footing and balance.
- Always hold the unit with both hands when operating. Keep a firm grip on both the front and rear handle or grips.
- A coasting blade can cause injury while it continues to move after the unit is stopped. Maintain proper control of the unit until the blade has completely stopped moving.
- Keep hands, face, and feet at a distance from all moving parts. Do not attempt to touch or stop the blade when it is moving.
- Do not operate the unit faster than the speed needed to prune. Do not run the unit at high speed when not pruning.
- Always stop the unit when work is delayed or when walking from one cutting location to another.
- If you strike or become entangled with a foreign object, stop the engine immediately and check for damage. Have any damage repaired before attempting further operations. Do not operate unit with a bent, cracked or dull blade. Discard blades that are bent, warped, cracked or broken.

- Stop the unit IMMEDIATELY if you feel excessive vibration. Vibration is a sign of trouble. Inspect thoroughly for loose nuts, bolts or damage before continuing. Repair or replace affected parts as necessary.
- Stop and switch the unit to off for maintenance, repair, or for changing add-ons attachments.
- Use only genuine Ryobi replacement parts when servicing this unit. These parts are available from your authorized service dealer. Do not use parts, accessories or attachments not authorized by Ryobi for this unit. Doing so could lead to serious injury to the user, or damage to the unit, and void your warranty.

OTHER SAFETY WARNINGS

- Allow the unit to cool before storing or transporting. Be sure to secure the unit while transporting.
- Store the unit inside in a dry place, either locked up or up high to prevent unauthorized use or damage. Keep out of the reach of children.
- Never douse or squirt the unit with water or any other liquid. Keep handles dry, clean and free from debris. Clean after each use, see **Cleaning and Storage** instructions.
- Keep these instructions. Refer to them often and use them to instruct other users. If you loan someone this unit, also loan them these instructions.

SAVE THESE INSTRUCTIONS

SAFETY AND INTERNATIONAL SYMBOLS

This operator's manual describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information.

SYMBOL



MEANING

• SAFETY ALERT SYMBOL

Indicates danger, warning, or caution. May be used in conjunction with other symbols or pictographs.



• WARNING - READ OPERATOR'S MANUAL

Read the Operator's Manual(s) and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders.



• FOR SERVICE INFORMATION, CALL:

USA: 1-800-345-8746
CANADA: 1-800-265-6778

RULES FOR SAFE OPERATION

SYMBOL



MEANING

• WEAR EYE AND HEARING PROTECTION

WARNING: Thrown objects and loud noise can cause severe eye injury and hearing loss. Wear eye protection meeting ANSI Z87.1 standards and ear protection when operating this unit.



• KEEP BYSTANDERS AWAY

WARNING: Keep all bystanders, especially children and pets, at least 50 feet (15 m) from the operating area.



• THROWN OBJECTS AND RECIPROCATING BLADE CAN CAUSE SEVERE INJURY

WARNING: Inspect the unit before use. Do not operate unit with a bent, cracked or dull blade. Keep away from the blade.



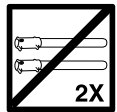
• SHARP BLADE

WARNING: Sharp blade, do not touch. To prevent serious injury, always wear gloves when changing or handling the blade.



• WEAR HEAD PROTECTION

WARNING: Falling objects can cause severe head injury. Wear head protection when operating this unit.



• BOOM EXTENSIONS

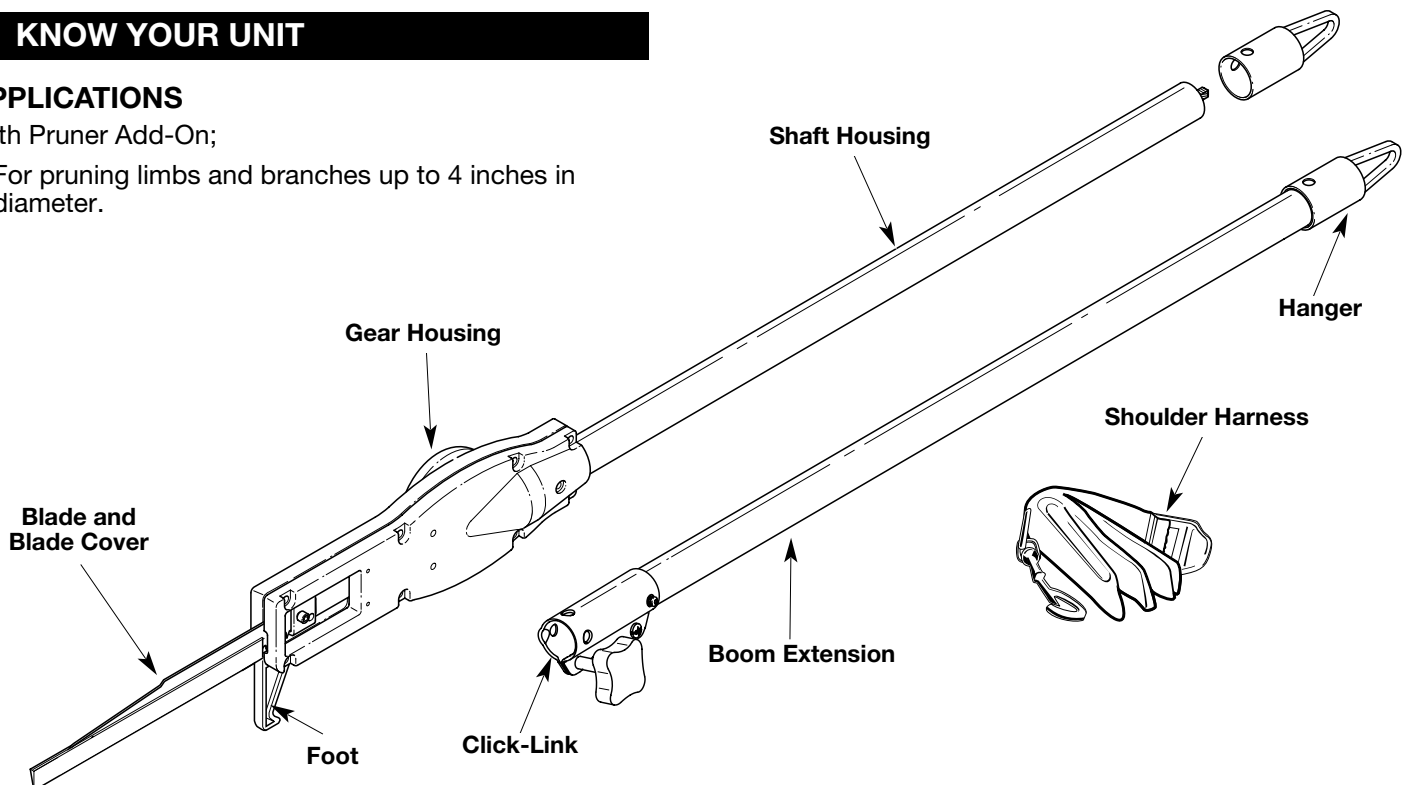
WARNING: To prevent serious injury, do not use more than one boom extension with the pruner attachment.

KNOW YOUR UNIT

APPLICATIONS

With Pruner Add-On;

- For pruning limbs and branches up to 4 inches in diameter.



ASSEMBLY INSTRUCTIONS

INSTALLING THE BLADE

1. Slide the blade cover past the end of the blade to expose the hole for the pin.
2. Insert the blade through the end of the pruner housing and install the blade over the pin (Fig. 1). The blade teeth should face the foot side.
3. Install the blade clamp over the blade and pin. Install the screw with lock washer and tighten securely with the allen wrench (Fig. 2).
4. Before operating unit, remove blade cover completely (Fig. 3). Store away for later use.

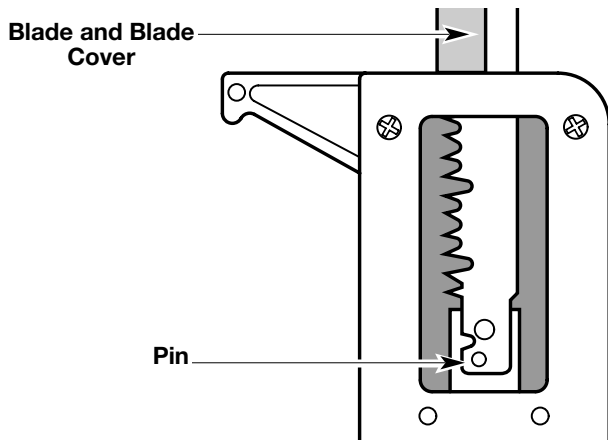


Fig. 1

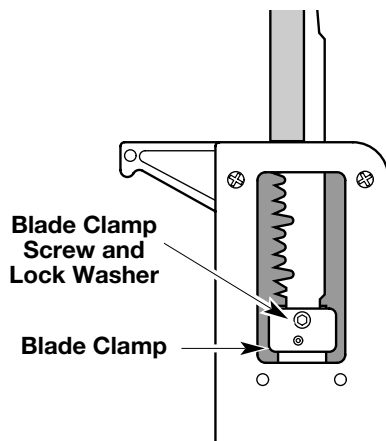


Fig. 2

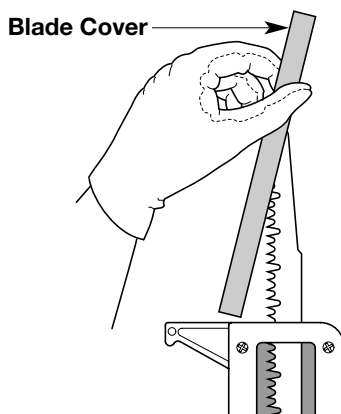


Fig. 3

INSTALLING AND ADJUSTING THE SHOULDER HARNESS

1. Push the strap through the center of the buckle.
2. Pull the strap over the cross bar and down through the slot in the buckle (Fig. 4).
3. Snap it on to the support fitting (Fig. 5).
4. While standing in the operating position adjust length to fit the operator's size.
 - Lengthen the harness by pulling down on the strap and lifting the buckle end up (Fig. 6).
 - Shorten the harness by pulling the strap back through the buckle while holding the buckle (Fig. 6).

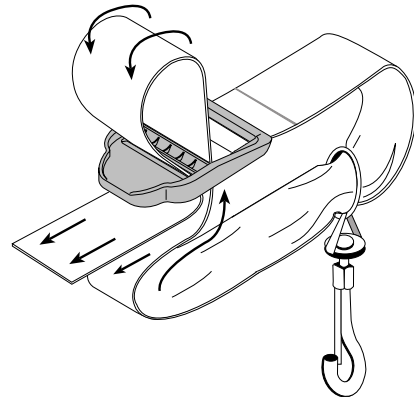


Fig. 4

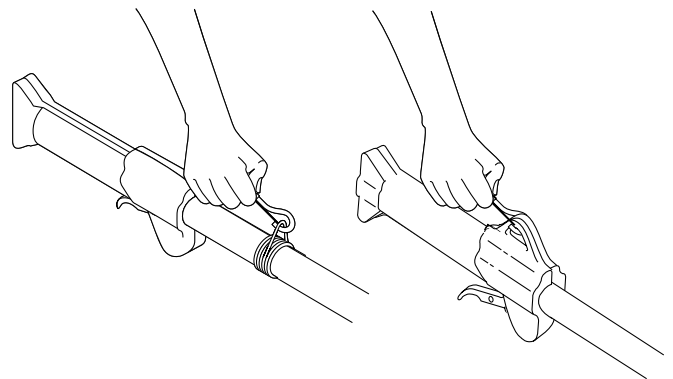


Fig. 5

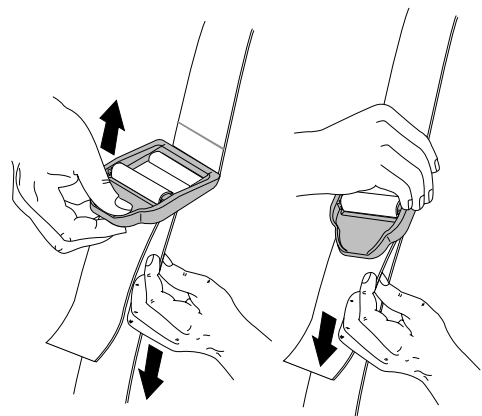


Fig. 6

OPERATING INSTRUCTIONS

OPERATING THE CLICK-LINK® SYSTEM

The Click-Link® system enables the use of these optional add-ons.

Blower/Vacuum	BV720r
Cultivator	GC720r
Hedge Trimmer (Gas units only)	HS720r
Snow Thrower (Gas units only)	ST720r
Straight Shaft Trimmer	SS725r
Sweeper/Blower	SB720r
Lawn Edger	LE720r
Turbo Blower	TB720r



WARNING: Read and understand operator's manual for unit to be used with this add-on prior to operation.

Removing the Add-Ons:

1. Turn the knob counterclockwise to loosen (Fig. 7).
2. Press and hold the release button (Fig. 8).
3. While firmly holding the upper shaft housing, pull the cutting attachment or add-on straight out of the Click-Link® coupler.

Installing the Add-Ons:



WARNING: To avoid serious personal injury, shut unit off before removing or installing add-ons.

NOTE: To make installing or removing the add-on easier, place the unit on the ground or on a work bench.

1. Turn the knob counterclockwise to loosen (Fig. 7).

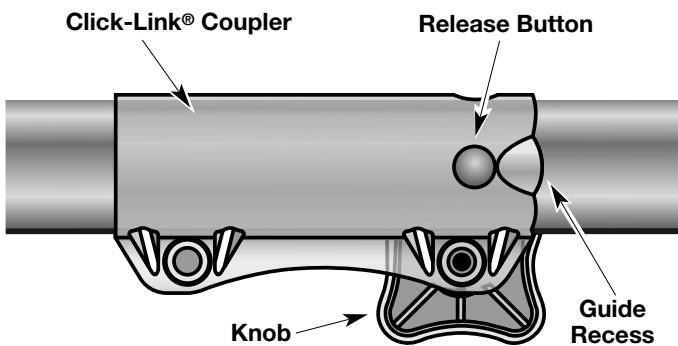


Fig. 7

2. While firmly holding the add-on, push it straight into the Click-Link® coupler (Fig. 8).

NOTE: Aligning the release button with the guide recess will help the installation (Fig. 8).

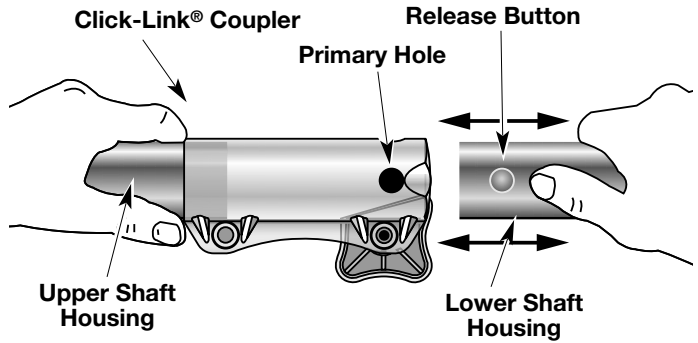


Fig. 8

3. Turn the knob clockwise to tighten (Fig. 9).



CAUTION: Lock the release button in the primary hole and securely tighten the knob before operating this unit.

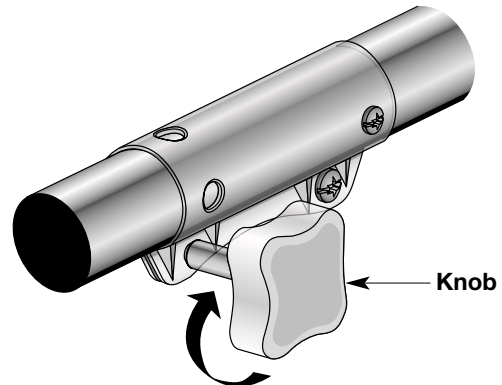


Fig. 9



CAUTION: The add-ons with the Click-Link® system are to be used in the primary hole unless stated otherwise in the specific add-ons operator's manual. Using the wrong hole could lead to personal injury, or damage to the unit.

Installing the boom extension:

When using the boom extension, follow steps 1-3 under Installing the Attachment or Add-ons. Install the extension to the power head, then repeat the steps for installing the pruner attachment to the extension.

OPERATING INSTRUCTIONS

OPERATING THE PRUNER



WARNING: Always wear eye, hearing, foot and body protection to reduce the risk of injury when operating this unit.

Before operating the unit, stand in the operating position (Figs. 10 & 11). Check for the following:

- The operator is wearing a face shield, head protection and proper clothing.
- Harness is adjusted to proper position.
- The handle is adjusted to provide the best grip.
- The operator has a firm grip on both the throttle grip and handle.

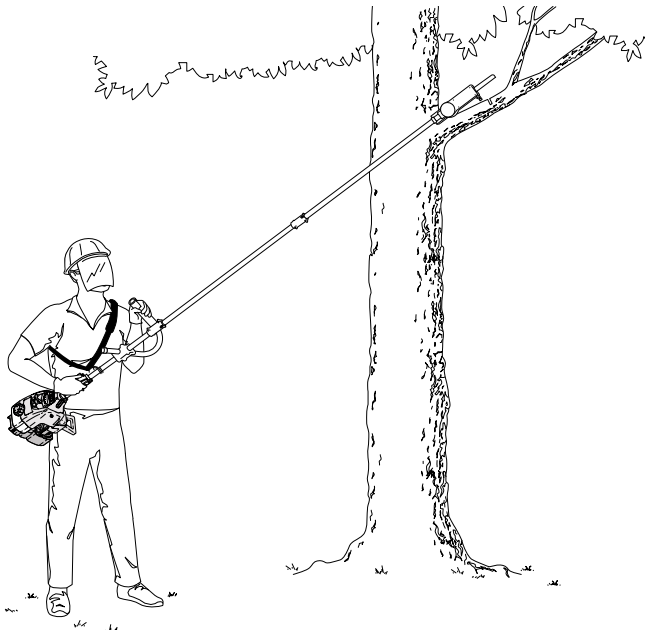


Fig. 10

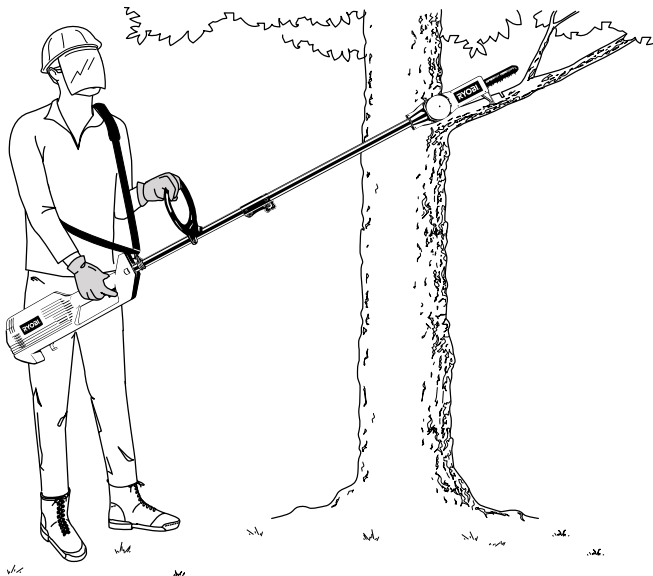


Fig. 11

1. When operating the pruner, rest the foot of the pruner against the tree limb that is being cut (Fig. 12).
2. Make the first cut one (1) foot from where the final cut will be (Fig. 13).
3. Cut to the outside of the branch collar to avoid damage to the tree (Fig. 14)

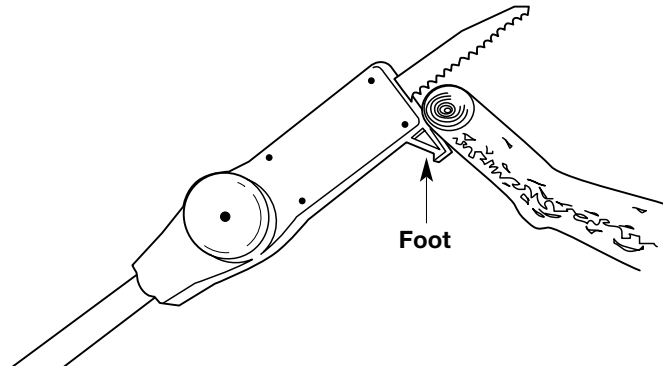


Fig. 12

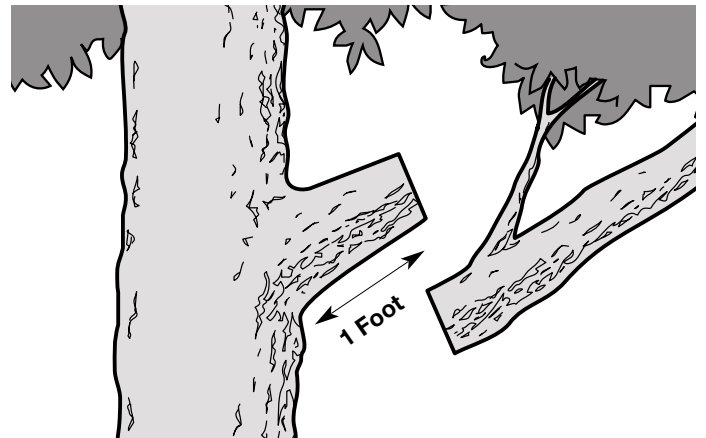


Fig. 13

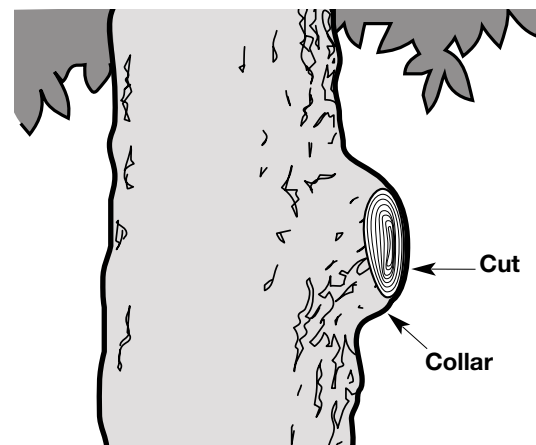


Fig. 14

OPERATING INSTRUCTIONS

PRUNING TIPS

Why Prune?

Trees need to be trained. If they are not, they may grow into a tangled and potentially dangerous area of the yard. Pruning is useful for sizing, shaping, removing broken branches and maintaining the health of the tree.

When to Prune?

Pruning can be done at any time during the year. But, the best time is during the dormant (winter) season.

What to Look for?

Finding problem areas in a tree can be difficult. Look for and remove:

- Dead or dying branches. Cut them back to a healthy branch or trunk because they may carry insects or diseases.

- Branch stubs. These occur when a prior pruning was done incorrectly or if a branch broke off during a storm. Cut the stubs back to the closest healthy branch or trunk.
- Future growth. If a tree limb is growing towards a fence or building, remove it early. The older the tree, the longer it takes for cutting wounds to heal.

How to Prune Correctly

- Don't cause damage to the trunk bark by cutting too close to the trunk.
- Cut the branch so that the wound is as small as possible.
- Don't leave a long branch stub. It can lead to rot or insect infestation.
- Use a sharp blade to make cuts that are clean and smooth.

MAINTENANCE AND REPAIR INSTRUCTIONS

PRUNER BLADE REPLACEMENT



WARNING: To avoid serious personal injury, always wear gloves while handling, removing or installing the blade.



WARNING: The pruner housing gets hot after long periods of use. To avoid serious personal injury, do not touch the housing until it has cooled.

Replacing the Blade

Replace the blade if;

- it is missing teeth, dull, bent or damaged.
 - you are required to force the moving blade through wood.
 - the engine slows excessively while cutting.
 - every one (1) hour (accumulative) of actual cutting time.
1. Install the blade cover on the blade.
 2. Remove the blade clamp screw, lock washer and blade clamp (Fig. 15).
 3. Reinstall the blade following the steps under Installing the Blade in the assembly section.

Cleaning the Blade

- Clean the blade after each use to remove pitch, gum, sap, etc.
- Clean the blade with commercially available saw blade cleaners. Available at your local hardware store.
- Discard the blade if it is missing teeth, dull, bent or damaged in any way.
- Always install the blade cover on the blade when not in use.

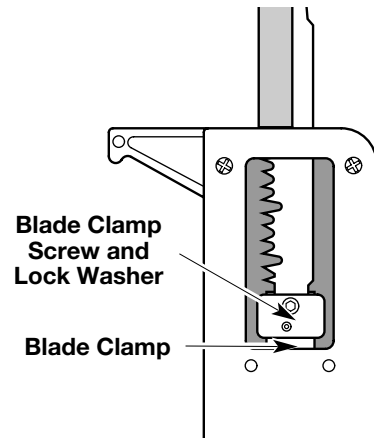


Fig. 15

PRUNER GEAR HOUSING

All internal parts are lubricated at the factory and require no maintenance. Do not disassemble the pruner. Contact an authorized service dealer for any internal repairs.

CLEANING

Use a small brush to clean off the outside of the unit. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic housing or handle. Wipe off any moisture with a soft cloth.

STORAGE

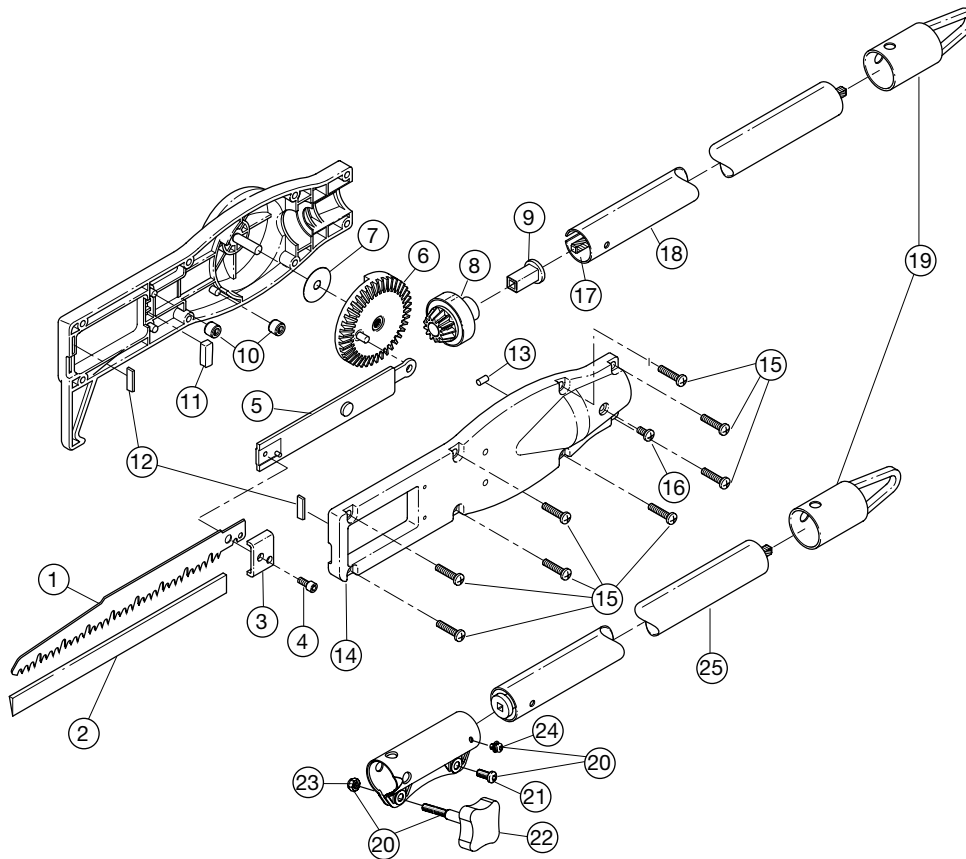
- Store the unit inside in a dry place, either locked up or up high to prevent unauthorized use or damage. Keep out of the reach of children.

SPECIFICATIONS

PRUNER ADD-ON

Unit Weight (Without Boom Extension)	3 lbs. (1.36 kg.)
Unit Weight (Boom Extension)	1.5 lbs. (0.68 kg.)
Unit Length (Without Boom Extension and Blade)	33 inches (0.84 m)
Length of Boom Extension	26 inches (0.66 m)
Blade Length (Maximum cut diameter)	4 inches (10.16 cm)
Strokes per Minute	Up to 2000
Shoulder Harness	Quick Snap

PRUNER ADD-ON PARTS LIST - MODEL TP720r



Item	Part No.	Description	Item	Part No.	Description
1	180966	Blade (2 pack)	16	181883	Anti-Rotation Screw
2	181153	Blade Cover	17	181166	Drive Shaft Assembly
3	181155	Blade Clamp	18	181992	Drive Shaft Housing Assembly
4	181156	Blade Clamp Screw and Washer Assembly	19	612605	Hanger
5	181874	Arbor Assembly	20	181616	Click-Link Coupler (includes items 21-24)
6	181875	Bevel Gear	21	181617	Bolt
7	181876	Washer	22	181618	Adjustment Knob
8	181877	Pinion Bevel Gear	23	181886	Knob Retaining Nut
9	181851	Insulator	24	182057	Screw
10	181878	Slide Bushing	25	181161	Extension Boom and Flex Shaft Assembly
11	181879	Felt Seal			
12	181880	Slider (2-pack)	*	181167	Allen Wrench 9/64"
13	181881	Rubber Plug	*	682075	Shoulder Harness
14	181882	Housing set			
15	181345	Housing Screw (8 required)	*	Not Shown	

NOTES

LIMITED TWO-YEAR WARRANTY

RYOBI OUTDOOR PRODUCTS warrants each new RYOBI Product for two (2) years according to the following terms.

This warranty extends to the original retail purchaser only and commences on the date of original retail purchase.

Any part of the RYOBI Product manufactured or supplied by RYOBI and found in the reasonable judgement of RYOBI to be defective in material or workmanship will be repaired or replaced by an authorized RYOBI service dealer without charge for parts and labor.

The RYOBI Product including any defective part must be returned to an authorized service dealer within the warranty period. The expense of delivering the RYOBI Product to the dealer for warranty work and the expense of returning it back to the owner after repair or replacement will be paid for by the owner. RYOBI's responsibility in respect to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any RYOBI Product. Proof of purchase will be required by the dealer to substantiate any warranty claim. All warranty work must be performed by an authorized RYOBI service dealer.

This warranty is limited to ninety (90) days from the date of original retail purchase for any RYOBI Product that is used for rental or commercial purposes, or any other income-producing purpose.

This warranty does not cover any RYOBI Product that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in the RYOBI Operator's Manual. This warranty does not apply to any damage to the RYOBI Product that is the result of improper maintenance or to any RYOBI Product that has been altered or modified so as to adversely affect the product's operation, performance or durability or that has been altered or modified so as to change its intended use. The warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are either incompatible with the RYOBI Product or adversely affect its operation, performance or durability.

In addition, this warranty does not cover:

A. Wear items - Blades

RYOBI reserves the right to change or improve the design of any RYOBI Product without assuming any obligation to modify any product previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE TWO (2) YEAR WARRANTY PERIOD OR NINETY (90) DAYS FOR PRODUCTS USED FOR ANY COMMERCIAL PURPOSE. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE APPROPRIATE TWO-YEAR OR NINETY DAY WARRANTY PERIOD. RYOBI'S OBLIGATION UNDER THIS WARRANTY, IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS, AND ROP DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

RYOBI ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO EXPENSE OF RETURNING THE RYOBI PRODUCT TO AN AUTHORIZED SERVICE DEALER AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty applies to all RYOBI Products manufactured by RYOBI and sold in the United States and Canada.

To locate your nearest service dealer dial 1-800-345-8746 in the United States or 1-800-265-6778 in Canada.

RYOBI®

RYOBI OUTDOOR PRODUCTS

550 N. 54th Street
Chandler, AZ 85226 U.S.A.

RYOBI CANADA INC.

275 Industrial Rd
Cambridge, Ontario N1R 6K2 CANADA

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

FOR QUESTIONS CALL 1-800-345-8746 IN U.S.

OR 1-800-265-6778 IN CANADA